

07 March 2008

Announcement Information for Architect-Engineer (A-E) services: Firm Fixed Price Contract M-1803, Design Review Services and Consulting (Air Quality and Range Ventilation) for Indoor Firing Range (Weapons Testing and Research), Picatinny Arsenal, NJ

## **1. CONTRACT INFORMATION:**

This contract is being procured in accordance with FAR 19.10—Small Business Competitiveness Demonstration Program, specifically Emerging Small Businesses. The North American Industry Classification System (NAICS) Code is 541620, Environmental Consulting Services.

The selected firm will be chosen for negotiation based on competence and qualifications for the required work.

## **2. PROJECT INFORMATION:**

The focus of the scope of work is the design or peer review of work (Plans, specifications and analyses) prepared by others, and may include, but is not specifically limited to, the following services:

Compare and contrast range ventilation design to current industry design standards and current NIOSH, OSHA, and EPA recommendations/standards. Provide design recommendations as needed to meet above industry design criteria. Review AutoCAD LT drawings (plan views, section views, elevation views, equipment schedules, electrical requirements, heating requirements, cooling requirements, if applicable, sequence of operation, airflow calculations and design conditions) and equipment selections. Provide technical design assistance on low velocity horizontal laminar airflow distribution, constant volume airflow design and control, HEPA filtration, airborne lead migration control and constant negative pressure control. Review range equipment design drawings for compatibility and possible impact on the range ventilation design performance. Provide to the Government for its use, general operational / procedural information and recommendations to reduce risk the Government's risk/liability via the overall range ventilation design quality, ease of maintenance, operational simplicity. Provide general consultation to the Government on a limit basis for the duration of the project via correspondence and visits to the facility site for meeting with Government personnel and its contractors.

In order to qualify and be considered for this work, firms applying must demonstrate the following:

- a. Extensive indoor range ventilation experience for target/qualifying ranges and test ranges for military, law enforcement and commercial/private entities with specific expertise in range ventilation design compliance with NIOSH 76-130, OSHA 29 CFR 1910.1025, OSHA 29 CFR 1926.62 and EPA 40 CFR 50.12 and low velocity horizontal laminar airflow;

- b. It can provide an experienced team with Environmental Engineer(s), Mechanical Engineer(s) and Certified Industrial Hygienist, and
- c. Working knowledge of indoor ranges employing a sand trap (sand bullet trap), for the services described herein.

### **3. SELECTION CRITERIA:**

The selection criteria are listed below in descending order of importance (first by major criterion and then by each sub-criterion).

Criteria a through e are primary selection criteria.

Criteria f through h are secondary selection criteria and will only be used as tiebreakers among technically equal firms.

#### **Primary Selection criteria:**

The firm is required to have the following specific design capabilities:

- a. Specialized experience and technical competence in:
  - 1. Indoor range ventilation design for target/qualifying ranges and/or test ranges.
  - 2. Range design for compliance with NIOSH 76-130, OSHA 29 CFR 1910.1025, OSHA 29 CFR 1926.62 and EPA 40 CFR 50.12
  - 3. Industrial ventilation and air discharge permits.
- b. Qualified registered professional personnel in the following key disciplines:

NOTE: resumes must be provided for each discipline.

- 1. Environmental Engineers
- 2. Certified Industrial Hygienist
- 3. Mechanical Engineers

The evaluation will consider education, registration, and training and overall and relevant experience using information from Section E of the SF 330. The SF 330 includes a matrix in Section G showing experience of the proposed lead designers on the projects listed in Section F of the SF 330.

Senior project personnel for each of the following key disciplines are required to be licensed/registered:

- c. Past Performance on DoD and other contracts with respect to cost control, quality of work and compliance with performance schedules, as determined from references, other sources and ACASS. Letters of recommendation from customers addressing your firm's cost control, quality

of work and schedule compliance capabilities may be included in Section H of the SF 330. Letters should be for projects of a similar nature and shall be no older than three years to be considered.

d. Capacity to initiate work and complete within the time parameters of the project (Review services to be complete in approximately 7 calendar days). The evaluation will consider the availability of an adequate number of personnel in the following key disciplines:

1. Environmental Engineers
2. Certified Industrial Hygienist
3. Mechanical Engineers

The evaluation will look at numbers listed in Part II of the SF330 to evaluate the overall capacity of the team. Include a Part II form of the SF 330 for each firm and each office of each firm that is part of the proposed team.

e. Knowledge of the locality in the general geographical area of Picatinny Arsenal, NJ. The evaluators will look at the specific experience of the listed key discipline lead designers (one per discipline) as stated in Section E of the SF 330.

**Secondary Selection criteria:**

f. Geographic Proximity in relation to Picatinny Arsenal, NJ.

g. Volume of work previously awarded to the firm by the Department of Defense, with the object of effecting an equitable distribution among qualified A/E firms, including small business, Veteran-owned small business, service-disabled small business, HUBZONE small business, small disadvantaged small business and woman-owned small business and minority institutions . and firms that have not had prior DoD contracts.

#### **4. SUBMISSION REQUIREMENTS:**

Cover letters shall be limited to no more than 3 pages. Interested prime firms having the capabilities to perform these services must submit three (3) copies of a comprehensive SF 330 (06/2004 edition), which includes all sub-consultants information. The SF 330 can be found on the following GSA web site: <http://www.gsa.gov/Portal/gsa/ep/home.do?tabId=0> .The forms can be downloaded into a .pdf file type.

Each key office on the team should indicate a DUNS # in Block 4 of Part II of the SF330  
Include the prime firm's ACASS number in Block H, SF330.  
For ACASS information, call (503) 808-4590.

The total number of pages for the entire SF 330 is limited to 90 pages. Section E is limited to 40 pages. Each page shall be numbered. Section dividers don't count towards overall page limit. Submittals not following these instructions, may not be evaluated by the Board.

Supplemental information on the SF 330 is posted on the New York District USACE website: <http://www.nan.usace.army.mil> Click "Business Opportunities" then "Advertised Solicitations"

Firms must be registered in the Central Contractor Registration (CCR) in order to be eligible to receive an award from any Government solicitation. For information visit the CCR website at <http://www.bpn.gov/CCRINQ/scripts/search.asp>. You must be registered in the Online Representations and Certifications Application (ORCA) in order to be eligible to receive an award from any Government solicitation. For more information, visit the ORCA website at <http://orca.bpn.gov>.

Submit three (3) completed SF330's to:

Attn: Stephen DiBari, P.E.  
CENAN-EN-M  
Room No. 2037  
US Army Corps of Engineers,  
NY District, 26 Federal Plaza  
New York, NY, 10278

Submittals to be received by 2:00 pm March 19, 2008